



MAREN
Balers & Shredders
Building customer loyalty since 1962.



ProPAK 2R350

two ram baler



SMART Bale
intelligent baler control

When there's **TONS** of work to be done, work smarter with our app! With Maren's Optional Smartbale Mobile Remote Interface you can monitor and control the operation of your ProPak two ram baler with a portable full color touch screen. Easily monitor bale size and statistics, read messages, clear jams and change materials safely from the seat of your loader. ***That means your loader operator is now your baler operator too!***

Features:

Large "Wide Box" (57"W x 80"L), clear opening with standard tongue and groove floor, ideal for both post-Industrial cardboard and scrap metals, while easily processing paper, fiber, plastic and other recyclables.

Interlocking plate steel construction distributes stresses away from welds to tabbed locking joints.

Chassis floor and sides constructed of seamless single sheet plate steel.

Replaceable "AR" hardened wear liners allow for limitless replacement of all chassis wear surfaces for years of reliable service.

Multi-edge replaceable shear blades reduce cost by allowing blade rotation to gain additional new cutting edges before blade replacement. Extended progressive cutting profile shears material over a long distance effectively reducing shear jams.

600-800 gallon floor mounted hydraulic oil reservoir (optionally) shipped full of oil.

Clogged oil filter sensor, high oil temp sensor and low oil level sensors protect your investment while notifying the operator attention is needed.

Robust ram and door position transducers allow automatic control of bale size, final bale finishing, shear jam prevention, wire placement and bale ejection.

Bale separation door facilitates instant material changes and virtually eliminates cross contamination between bales. The door's transducer positioning allows up to 13" oversized bales to eject without jam, yet closely guides the bale to the tier for tight bales and reduced fall-off.

All safety E-Stops and contactor resets monitored by a dual redundant safety relay system.



10" main-ram cylinder with up to 353,429 lbs. of platen force delivers up to 40% more force than competitive balers using 10" cylinders.



Never get caught empty handed with a blown fuse! Electrical panel employs service friendly molded case and mini circuit breakers for all circuits both main and branch.*

*(Except where unavailable for 600 volt systems)

Touch Screen Operator Interface:

Maren's SmartBale Intelligent Baler control allows password protected saving of a complete set of parameters for each commodity to be baled. At run time the operator simply selects the proper material from a drop down list and the **ProPak 2R350** automatically configures for the commodity to be baled. Settings automatically adjusted include wire count, wire placement, baling pressure, bale size, photo eye selection, conveyor speed, multi motor settings and many more.

Displays statistics such as current bale size, remaining for full bale, average charge and largest charge, all helping the baler operator make easy cleanup free material changes.

Password protected maintenance screens accessible to onsite maintenance staff allow further customization and simplify troubleshooting with troubleshooting screens for inputs, outputs and other statistics.

Chassis:

Height

w/ conveyor – 165"
w/o conveyor – 85.5"

Length

371"

Width

w/o bale table – 197"

Baler Shipping Weight

Up to 81,000 lbs.



Bale weights *

OCC	1,700 lbs.
MIXED PAPER	1,700 lbs
MAGAZINES	2,000 lbs.
ALUMINUM CANS	1,100 lbs.
ALUMINUM EXTRUSIONS	1,400 lbs.
ALUMINUM SIDING/SHEET	2,000 lbs.
TIN CANS	2,200 lbs.
NON INSULATED COPPER WIRE	6,000 lbs.
#1 COPPER	4,000 lbs.
MSW	2,400 lbs.
HDPE	1,500 lbs.
PET	1,300 lbs.
(percentage of caps on bottles will vary bale weights)	

BALE SIZE :

Length	60"
Width	38" - 51" (*OS)
Height	30"

* Bale Weights are approximate, and may differ with moisture content, material density, etc.

* Due to Maren's commitment to product quality and refinement, these specifications are subject to change without notice, and without incurring responsibility to units previously sold.

Performance Data:

Motor

Dual 40 hp, Dual 50 hp or triple 40 hp TEFC 3 Phase motors generate 80, 100 or 120 hp.

Motors automatically stage start to reduce surge on electric service. During low production demand motors can be de-selected to reduce overall electrical consumption and throughput while maintaining 100% bale weights and shearing performance.

Hydraulic

A simple but innovative hydraulic system allows the **2R350** to run faster and more efficiently while being more serviceable. Highly efficient piston pumps rated for 6,100 psi run at only 4,500 ensuring less stress and long life. All pumps are mounted below tank level to eliminate start-up cavitation and extend pump life.

Hydraulic System

High Efficiency Regenerative.

Platen Force

353,429 lbs.

Platen Pressure

207 psi.

Dry Cycle Time at full penetration

11 seconds (120 hp)

15 seconds (80 hp)

The ONE SOURCE for Reliability, Productivity & Innovation for your Waste Management System.



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